

## 54269 to 54281—Continued.

in the United States, however, to determine whether or not it has characteristics which make it of commercial value.

"Formal description: The parent tree is about 45 feet high, with a spread of 60 feet, and is at least 50 years old. The trunk is 3 feet thick at the base, forked at 10 feet above the ground. The crown is rather open, and some of the main limbs extend almost horizontally. The foliage when crushed is distinctly anise scented.

"The fruit is oblong-obovoid; weight 6 to 7 ounces, length about 4 inches, greatest breadth about  $2\frac{1}{2}$  inches; base bluntly pointed, with the stem inserted to one side; apex rounded to broadly pointed; surface pale olive-green, blushed with maroon-purple, and with very numerous large whitish green dots; skin not quite 0.5 millimeter thick, firm and leathery in texture; flesh rich cream-yellow, greenish close to the skin, with few fiber markings, the flavor very rich, nutty, and pleasant; quality excellent; seed oblong-conic, tight to slightly loose in the cavity. Ripening season at Irumina mainly from December to March.

"This fruit when grown under good cultivation in the United States will probably weigh from 8 to 10 ounces. The season at which it will ripen in that country can be ascertained only by a trial."

54276. "(No. 633. Ibarra, Ecuador. June 16, 1921.) Cuttings of avocado No. 54, *Capac*. The parent tree is growing in the huerta rented by Rosa Gonzales, at the Hacienda Carpuela, at an altitude of 5,300 feet. The fruit is a good-sized Mexican avocado about 9 ounces in weight, obovoid in form, purple, and of excellent quality. The seed is relatively small, and the tree is said to be very productive. The variety is worthy of a trial in California and in the cooler avocado-growing regions of Florida.

"Formal description: The parent tree is about 45 feet high, slender and erect in habit, with a trunk 18 inches thick at the base, forked 2 feet above the ground. The oval crown is moderately dense, and the foliage rich green in color and healthy in appearance.

"The fruit is oblong-pyriform to oval-obovoid in form; weight about 9 ounces, length 4 to  $4\frac{1}{2}$  inches, greatest breadth about  $2\frac{1}{2}$  inches; base broadly pointed, the stem inserted slightly to one side; apex rounded to slightly and obliquely flattened; surface of ripe fruit glossy purple-black, with very few dots visible; skin less than 0.5 millimeter thick, relatively tough; flesh yellowish cream color, tinged green near the skin, with numerous fiber markings; flavor nutty, rich, and pleasant; quality good; seed rather small, ovate to oval, tight in the cavity with both seed coats adhering closely to the cotyledons. Ripening season mainly from November to March, but a few fruits ripen at other seasons of the year.

"Some specimens do not show any fiber discoloration in the flesh; this is perhaps a question that depends, to a certain extent, upon the degree of maturity which the fruit has reached at the time it is picked."

54277. "(No. 634. Ibarra, Ecuador. June 16, 1921.) Cuttings of avocado No. 55, *Inca*. The parent tree is growing in one of the huertas at the Hacienda San Vicente, a few hundred yards north of the house, at an altitude of 6,100 feet. This is one of the most promising avocados obtained in the Chota Valley, if not the most promising of all. It is an unusually large fruit for one of the Mexican race, and at the same time has a very small seed, and flesh of excellent quality. It is worthy of a careful trial in the avocado-growing regions of the United States.

"Formal description: The parent tree is about 50 feet high and of erect round-topped form, with an open well-branched crown. The trunk is about 2 feet thick at the base and gives off several large limbs about 10 feet above the ground. There is a faint aniselike odor to the crushed leaves. So far as can be